

SCHOOL OF CONTINUING EDUCATION AND SUMMER SESSIONS

The School of Continuing Education and Summer Sessions (SCE) is dedicated to providing outstanding educational opportunities throughout the year for people of all ages and interests.

Our programs are presented in a wide variety of formats and time frames and are offered on and off campus and via distance learning.

Join us to prepare for your future, enhance your studies, improve your job skills, or simply have fun learning something new!

For information about the following programs, write B20 Day Hall, Ithaca, NY 14853-2801; call 255-4987; e-mail cusce@cornell.edu; or fax 255-9697; unless indicated otherwise below. You may also visit us on the web at www.sce.cornell.edu.

SCHOOL ADMINISTRATION

Glenn C. Altschuler, dean (on leave 7/05 to 6/06)

Charles W. Jermy, Jr., acting dean, and director, Cornell University Summer Session

Diane E. Sheridan, director, finance and administration

Diane M. Duthie, assistant director, finance and administration

School Program Directors and Managers

Stuart M. Blumin, director, Cornell in Washington Program

Abby H. Eller, director, Summer College Programs for High School Students

Ralph Janis, director, Cornell's Adult University and Cybertower

School Support Services

Graham Dobson, manager, information technologies

Ann L. Morse, manager, media services

Cathy M. Pace, registrar, and coordinator, continuing education information service

CORNELL'S ADULT UNIVERSITY

Cornell's Adult University (CAU) offers weeklong noncredit courses on campus for adults and families during the summer. During the fall, winter, and spring, it offers weekend seminars, weeklong domestic programs, and international study tours. Developed and led by distinguished members of the Cornell faculty, all programs are inspired by the belief that learning never ends and that one of the roles of a great university is to provide a bridge between traditional formal education and informal, noncredit study. For information, write Cornell's Adult University, 626 Thurston Avenue, Ithaca, NY 14850-2490; call 255-6260; e-mail cauinfo@cornell.edu; fax 254-4482; or visit www.cau.cornell.edu.

CONTINUING EDUCATION INFORMATION SERVICE

This service provides free information, counseling, and referral to adults who have been out of school for several years and want to resume their education. It also provides information about short courses, workshops, professional updates, and executive programs offered by the university to people inside and outside Cornell. For information, write to Continuing Education, B20 Day Hall, Ithaca, NY 14853-2801; call 255-4987; e-mail cusce@cornell.edu; or fax 255-9697.

CORNELL IN WASHINGTON PROGRAM

Cornell in Washington offers undergraduates the opportunity to combine the strengths of Cornell with all of the best parts of living and learning in Washington, D.C. Students take courses in the fall, spring, or summer for credit, work as externs, and complete substantial research projects, all the while enjoying the rich opportunities available in the nation's capital. For information, write to Cornell in Washington, M101 McGraw Hall, Ithaca, NY 14853-4601; call 255-4090; e-mail cwash@cornell.edu; or visit www.ciw.cornell.edu.

DISTANCE LEARNING

Need a flexible schedule? Have a full-time job? Planning to travel during winter break or during the summer? Don't let any of these stop you from taking a class, earning credits, or learning something new. Wherever you are, whatever your schedule, Cornell distance learning courses are just a keyboard away.

Distance learning courses may include a web-based component, videotapes, and/or CD-ROMs. Students interact with the instructor and other students by phone or e-mail. Most assignments and examinations are completed within a scheduled time frame, just as in on-campus courses, but students have the option of getting a head start on readings and lectures. For information, visit www.sce.cornell.edu/dl/.

For faculty members interested in developing credit or noncredit distance learning courses, the school offers a broad range of services, including determining technological needs, resolving copyright issues, creating a marketing plan, and fulfilling administrative duties related to the course. Services are tailored to individual needs and ongoing support is available. Visit www.sce.cornell.edu/dl/ to see what's possible.

CyberTower: Cornell at No Cost

Cornell's online CyberTower program is a great way to meet Cornell faculty and explore fascinating topics ranging from mastodons and wine appreciation to today's headline news, all at no cost.

CyberTower features three online program series, with new offerings added every month:

- **Study Rooms** contain video-streamed lectures, links to specially selected web sites, reading lists, and discussion boards with Cornell faculty and fellow CyberTower users.
- **Forums** are informal video-streamed conversations with leading faculty members. Discussion boards enable you to trade comments and questions with each month's featured guest.
- **Views and Reviews** are brief, unabashedly opinionated commentaries by faculty members on books, films, articles, and topics in the news. The newest addition to this series is "SunSpots! Op-Eds from the writers of the *Cornell Daily Sun*."

To explore CyberTower, simply log on to cybertower.cornell.edu and follow the registration instructions. It's all free and is a great way to see what Cornell has to offer.

EXECUTIVE AND PROFESSIONAL PROGRAMS

The school presents short, high-level professional updates, both on and off campus, in study tours and in locations worldwide via distance learning. These courses are taught by Cornell faculty and senior research staff in many fields. Programs also can be designed to respond to the specific needs and interests of corporations, professional societies, and other groups. For information, call 255-7259; e-mail cusps@cornell.edu; fax 255-8942; or visit www.sce.cornell.edu/exec/.

EXTRAMURAL STUDY

Cornell students whose studies have been interrupted may find it useful to take classes on a part-time basis. The school is also dedicated to offering part-time study to staff, faculty, "townies," and anyone else interested in taking courses at the university, improving their job skills, continuing their education, or simply having fun learning something new.

Thanks to the school's Extramural Study program, anyone may (with few exceptions) enroll in any course in the university during the fall and spring semesters if space is available. Part-time study at Cornell is a great opportunity to take fascinating courses and study with world-renowned faculty members. If you'd like to take advantage of Cornell's extensive course offerings but don't need

college credit, you may register through the Visitor's Program and receive a 90 percent discount on tuition.

For information, write to Extramural Study, B20 Day Hall, Ithaca, NY 14853-2801; call 255-4987; e-mail cusce@cornell.edu; fax 255-9697; or visit www.sce.cornell.edu/exmu/.

SPECIAL PROGRAMS

If you want to immerse yourself in a particular subject, consider enrolling in a special program. Programs are offered on and off campus, may include an internship, and may be combined with other courses. For information, call 255-7259; e-mail cusce@cornell.edu; fax 255-8942; or visit www.sce.cornell.edu/sp/.

On-Campus Special Programs Roster

AEM Certificate in Business Management

African Languages: Swahili

Architecture

Asian Studies Programs: Chinese, Japanese, Nepali, Sinhala, Tibetan

Biological Sciences Undergraduate Research Program

CCMR Institute for Chemistry Teachers (CICT)

CNS Institute for Physics Teachers

Cornell Institute for Biology Teachers

Education

Engineering Cooperative Education Program

English for International Students and Scholars

Freshman Summer Start

Industrial and Labor Relations: Strategic Corporate Research

Intensive Arabic Program

International Business Program

Landscape Architecture: Site Grading

Leadership Program for Veterinary Students

Nanobiotechnology Institute for Teachers

Prefreshman Summer Program

School of Hotel Administration Executive Education Programs

Teaching Writing

Telluride Association Summer Program

Off-Campus Special Programs Roster

Architecture

Art Studio and Creative Writing Workshop in Rome, Italy

Geologic Field Mapping in Argentina

Human Ecology: Urban Semester Program—The Culture of Medicine

Latin American Studies Summer Program in Brazil

Marine Science: Shoals Marine Laboratory, Maine

Satellite Remote Sensing Applications in Biological Oceanography

Summer in Washington

Tropical Field Ecology and Behavior in Kenya

Campus to Careers

The job market's tough. The economy's tight. You've been thinking it's time to get serious about your future

The School of Continuing Education and Summer Sessions invites you to join us for one of our highly regarded programs linking classrooms and careers. No matter what your major is, you can:

- Expand your career opportunities
- Strengthen your resumé and skills
- Develop professional contacts
- Take focused, intensive classes
- Learn from distinguished professors, alumni, practitioners, and executives
- Study in Washington, D.C., New York City, or on the Cornell campus in Ithaca
- Enrich your personal, academic, and professional life

For more information, visit www.sce.cornell.edu/sp/.

Campus-to-Careers Programs Roster

AEM Certificate in Business Management

International Business Program

Practicing Medicine/Providing Health Care

Summer in Washington

SUMMER COLLEGE PROGRAMS FOR HIGH SCHOOL STUDENTS

Cornell's award-winning programs for high school students offer one-, three-, four-, and six-week programs for talented sophomores, juniors, and seniors from around the world.

Participants live on our beautiful campus, take college classes with leading Cornell faculty, earn an average of 6 credits, and explore careers and academic majors.

The program is a wonderful opportunity for high school students to experience college life and make some great friends. At the end of the program, students often say it's been the best summer of their life.

For information, call 255-6203; e-mail summer_college@cornell.edu; fax 255-6665; or visit www.summercollege.cornell.edu.

WINTER SESSION

Cornell undergraduate and graduate students, as well as employees and area residents, can earn up to 4 credits between the fall and spring semesters by enrolling in the winter session. This quiet time on campus allows students to enjoy generally smaller classes and to concentrate on intensive study. Winter-session students may enroll in scheduled courses or design individualized study with a faculty member. For information, write to Winter Session, B20 Day Hall, Ithaca, NY 14853-2801; call 255-4987; e-mail cusce@cornell.edu; fax 255-9697; or visit www.sce.cornell.edu/ws/. If a course also is offered through distance learning, the course title will be followed by **DL**.

Winter Session Course Roster

A&EP 571 Biophysical Methods Advanced Laboratory Course

AEM 240 Marketing **DL**

AM ST 202 Popular Culture in the United States, 1945 to Present **DL**

AN SC 222 Canine Genetics **DL**

AN SC 497 Individual Study in Animal Science **DL**

AS&RC 131 Swahili (off campus)

BIOEE 264 Tropical Field Ornithology (off campus)

COMM 120 Contemporary Mass Communication **DL**

COMM 263 Organizational Writing

COMM 272 Principles of Public Relations and Advertising **DL**

CRP 495 Special Topics: Introduction to Peace Science

ECON 101 Introductory Microeconomics **DL**

ECON 102 Introductory Macroeconomics

ECON 307 Introduction to Peace Science

ENGL 257 American Musical Theatre in New York City (off campus)

ENGL 280 Creative Writing

ENGL 288 Expository Writing

GOVT 161 Introduction to Political Philosophy **DL**

GOVT 314 Prisons: The Politics of Incarceration in America **DL**

MUSIC 257 American Musical Theatre in New York City (off campus)

NS 200 Vegetarian Nutrition: An Introduction **DL**

OR&IE 350 Financial and Managerial Accounting

THETR 257 American Musical Theatre in New York City (off campus)

Practicing Medicine/Providing Health Care (off campus)

CORNELL UNIVERSITY SUMMER SESSION

Summer at Cornell is an excellent time to get a world-class education while enjoying all of the pleasures of summer in the Finger Lakes.

Summer Session features open admissions and outstanding instructors, nearly all of whom are regular Cornell faculty members. Courses are offered on and off campus and via distance learning.

During our three-, six-, or eight-week sessions you can actually get to know your professors and are sure to be surrounded by intriguing people of all ages from all over the world. And, all with time left over for travel or a summer job.

Summer Session offers the practical benefits of fulfilling requirements, accelerating your degree, gaining personal and professional growth, or easing your fall/spring course load. It's also the perfect time to take advantage of the area's stunningly beautiful gorges, waterfalls, lakes, and parks. Hike, swim, sail, picnic, or enjoy a sunset concert on the Arts Quad.

However you look at it, spending a summer at Cornell is a great way to enjoy the best of the university and the best of summer!

For information, call 255-4987; e-mail cusce@cornell.edu; or visit our web site at www.summer.cornell.edu.

Summer Session Course Roster

The Cornell University Summer Session offers a wide variety of courses. The list that follows includes those courses that are usually offered every summer. The list is not exhaustive; many new courses or courses offered only occasionally are not listed. For complete information, contact the Summer Session office. Courses are posted on the web (www.summer.cornell.edu) in the fall as the roster is developed. If a course also is offered through distance learning, the course title will be followed by **DL**.

Africana Studies

AS&RC 131-132 Swahili

AS&RC 205 African Cultures and Civilizations

AS&RC 505 Teaching about Africa

American Studies

AM ST 104 Introduction to American History

AM ST 124 Democracy and Its Discontents: Political Traditions in the United States

AM ST 202 Popular Culture in the United States, 1945 to Present **DL**

AM ST 341 Recent American History, 1960 to the Present

Animal Science

AN SC 112 Sustainable Animal Husbandry

Anthropology

ANTHR 100 Introduction to Archaeology

ANTHR 101-102 Introduction to Anthropology

Applied Economics and Management

AEM 220 Introduction to Business Management

AEM 221 Financial Accounting

AEM 224 Principles of Finance

AEM 240 Marketing **DL**

AEM 320 Business Law I

AEM 323 Managerial Accounting

AEM 495 Undergraduate Special Topics in Applied Economics and Management

Archaeology

ARKEO 100 Introduction to Archaeology

Other field study opportunities are usually available through this department.

Architecture

ARCH 110 Introduction to Architecture: Design Studio

ARCH 130 An Introduction to Architecture: Lectures

Consult the Department of Architecture office for a complete list of summer design offerings including foreign study opportunities.

Art

ART 121 Introductory Painting

ART 131 Introductory Intaglio

ART 141 Introductory Sculpture

ART 151-152 Drawing I and II

ART 159 Life and Still-Life Drawing

ART 161 Photography I

ART 168 Black-and-White Photography

ART 169 Color Photography

ART 171-172 Electronic Imaging in Art

ART 221 Painting II

ART 231 Intaglio II

ART 241 Sculpture II

ART 261 Photography II

ART 263 Color Photography

ART 361 Photography III

Asian Studies

ASIAN 225 Literature, Politics, and Genocide in Cambodia **DL**

Astronomy

ASTRO 105 An Introduction to the Universe

ASTRO 106 Essential Ideas in Relativity and Cosmology

ASTRO 107 An Introduction to the Universe

Biological and Environmental Engineering

BEE 299 Sustainable Development **DL**

Biological Sciences

Ecology and Evolutionary Biology

BIOEE 207 Evolution

BIOEE 261 Ecology and the Environment

BIOEE 467 Seminar in the History of Biology: Evolution, Ethics, and Meaning in Life

Microbiology

BIOMI 290-291 General Microbiology

Molecular Biology and Genetics

BIO G 200 Special Studies in Biology

BIOGD 281 Genetics

BIOBM 333 Principles of Biochemistry: Proteins, Metabolism, and Molecular Biology

BIOBM 432 Survey of Cell Biology

BIOBM 440 Laboratory in Biochemistry and Molecular Biology

Neurobiology and Behavior

BIO G 107-108 General Biology

BIONB 221 Neurobiology and Behavior I: Introduction to Behavior

Plant Biology

BIOPL 240 Green World/Blue Planet

BIOPL 245 Plant Biology

Biology and Society

B&SOC 447 Seminar in the History of Biology: Evolution, Ethics, and Meaning in Life

Biometry and Statistics

BTRY 301/601 Statistical Methods I

Chemistry and Chemical Biology

CHEM 206 Introduction to General Chemistry

CHEM 207-208 General Chemistry

CHEM 251 Introduction to Experimental Organic Chemistry

CHEM 257 Introduction to Organic and Biological Chemistry

CHEM 357-358 Organic Chemistry for the Life Sciences

Classics

Classical Civilization

CLASS 236 Greek Mythology

CLASS 263 The Comic Theater

Greek

CLASS 103 Intensive Greek

Latin

CLASS 107 Intensive Latin

Cognitive Studies

COGST 101 Introduction to Cognitive Science

Communication

COMM 116 Communication in Social Relationships

COMM 120 Contemporary Mass Communication **DL**

COMM 201 Oral Communication

COMM 203 Argumentation and Debate

COMM 260 Science Writing for Public Information

COMM 263 Organizational Writing

COMM 272 Principles of Public Relations and Advertising **DL**

Comparative Literature

COM L 223 The Comic Theater

COM L 236 Greek Mythology

Computer Science

COM S 099 Fundamental Programming Concepts

COM S 100 Introduction to Computer Programming

COM S 101 Introduction to Cognitive Science

COM S 211 Computers and Programming

COM S 322 Introduction to Scientific Computation

Earth and Atmospheric Sciences

EAS 108 Earth in the News

EAS 154 The Sea: An Introduction to Oceanography, Lectures

Economics

- ECON 101 Introductory Microeconomics **DL**
 ECON 102 Introductory Macroeconomics
 ECON 313 Intermediate Microeconomic Theory (calculus)
 ECON 314 Intermediate Macroeconomic Theory (calculus)
 ECON 362 International Monetary Theory and Policy
 ECON 434 Financial Economics, Derivatives, and Risk Management

Education

- EDUC 151 Engaging Diversity: Multicultural Issues in Education and Society

Engineering

Distribution Courses

- ENGRD 211 Computers and Programming
 ENGRD 221 Thermodynamics
 ENGRD 270 Basic Engineering Probability and Statistics
 ENGRD 322 Introduction to Scientific Computation
 The Engineering Cooperative Education Program offers a number of other engineering courses. Contact that office for more information.

English

- ENGL 131 FWS: Reading and Writing About . . . ?
 ENGL 132 FWS: The Personal Essay
 ENGL 227 Shakespeare
 ENGL 280 Creative Writing
 ENGL 288-289 Expository Writing
 ENGL 328 The Bible in Literary and Cultural Perspective

English as a Second Language

- ENGLF 101-102 English as a Second Language
 ENGLF 211 English as a Second Language

English for Later Bilinguals

- ENGLB 115 English for Later Bilinguals

Government

- GOVT 111 Introduction to American Government and Politics
 GOVT 131 Introduction to Comparative Government and Politics
 GOVT 161 Introduction to Political Philosophy **DL**
 GOVT 181 Introduction to International Relations
 GOVT 393 Introduction to Peace Studies

History

- HIST 124 Democracy and Its Discontents: Political Traditions in the United States
 HIST 152 Introduction to Western Civilization
 HIST 154 Introduction to American History
 HIST 262 The Middle Ages: Introduction and Sampler

- HIST 287 Evolution

- HIST 340-341 Recent American History

- HIST 415 Seminar in the History of Biology: Evolution, Ethics, and Meaning in Life

History of Art

- ART H 202 Survey of European Art: Renaissance to Modern

- ART H 261 Introduction to Art History: Modern Art

Horticulture

- HORT 202 Organic Gardening

Human Development

- HD 115 Human Development
 HD 116 Human Development: Section
 HD 216 Human Development: Adolescence and Youth

Industrial and Labor Relations

Collective Bargaining, Labor Law, and Labor History

- ILRCB 100 Introduction to United States Labor History: 19th Century

Human Resource Studies

- ILRHR 266 Personal Computer Basics
 ILRHR 464 Business Strategy

International and Comparative Labor

- ILRIC 333/533 Politics of the Global North

Labor Economics

- ILRLE 240 Economics of Wages and Employment

Social Statistics

- ILRST 212 Statistics **DL**

Linguistics

- LING 111-112 American Sign Language I and II
 LING 170 Introduction to Cognitive Science

Management

Common Core Courses

- NCC 556 Managerial Finance

Management Elective Courses

- NBA 666 Negotiations

Marine Science

Consult related department listings for summer offerings in marine science.

Mathematics

- MATH 103 Mathematical Explorations
 MATH 109 Precalculus Mathematics
 MATH 111-112 Calculus
 MATH 135 The Art of Secret Writing
 MATH 171 Statistical Theory and Application in the Real World
 MATH 191-192 Calculus for Engineers
 MATH 293-294 Engineering Mathematics
 MATH 336 Applicable Algebra

Mechanical and Aerospace Engineering

- MAE 221 Thermodynamics

Music

- MUSIC 102 Fundamentals of Music

Natural Resources

- NTRES 100 Introduction to Environmental Studies

Nutritional Sciences

- NS 200 Vegetarian Nutrition: An Introduction **DL**

Philosophy

- PHIL 101 Introduction to Philosophy
 PHIL 145 Contemporary Moral Issues
 PHIL 191 Introduction to Cognitive Science
 PHIL 213 Existentialism
 PHIL 263 Religion and Reason

Physical Education

Consult the Physical Education office for a complete list of summer offerings for credit and recreation.

Physics

- PHYS 101-102-103 General Physics
 PHYS 112 Physics I: Mechanics
 PHYS 213 Physics II: Heat/Electromagnetism
 PHYS 214 Physics III: Optics, Waves, and Particles

Policy Analysis and Management

- PAM 380 Human Sexuality

Psychology

- PSYCH 101 Introduction to Psychology: The Frontiers of Psychological Inquiry
 PSYCH 102 Introduction to Cognitive Science
 PSYCH 128 Introduction to Psychology: Personality and Social Behavior
 PSYCH 199 Sports Psychology
 PSYCH 223 Introduction to Biopsychology
 PSYCH 280 Introduction to Social Psychology
 PSYCH 350 Statistics and Research Design

Religious Studies

- RELST 262 Religion and Reason
 RELST 265 The Middle Ages: Introduction and Sampler

Romance Studies

French Language

- FRROM 209 Intermediate Composition and Conversation I

Spanish Language

- SPANR 121 Elementary Spanish
 SPANR 123 Continuing Spanish

Russian

RUSSA 121-122 Elementary Russian through Film

Science and Technology Studies

S&TS 287 Evolution

S&TS 447 Seminar in the History of Biology: Evolution, Ethics, and Meaning In Life

Sociology

SOC 101 Introduction to Sociology

Textiles and Apparel

TXA 114 Introduction to Computer-Aided Design

Theatre, Film, and Dance**Film Studies**

FILM 324 Film Animation Workshop: Experimental and Traditional Animation on the Oxberry

Dance

DANCE 210 Beginning Dance Composition

Theatre

THETR 223 The Comic Theater

Visual Studies

VISST 211 Beginning Dance Composition

Theoretical and Applied Mechanics

T&AM 293-294 Engineering Mathematics

Writing

WRIT 134 An Introduction to Writing in the University

INDIVIDUALIZED STUDY

Can't find the course you want? Take it independently! You'd like to study cosmic rays and high-energy electromagnetic radiation, protein structure and the nature of enzymatic catalysis, or American and European decorative arts of the Renaissance and the 19th century. Although there are no regularly scheduled summer courses in those areas or in other areas in which you may be interested, you may still be able to study your favorite subject. Courses that aren't a part of the regular schedule may be offered for an individual or a group.

If you're interested in such a course and can find a professor willing to supervise your study, pick up the application for individualized study (available on the web at www.summer.cornell.edu or from the Summer Session office). Also, please let the Summer Session office know if there are courses you would like to see offered next summer (call 255-4987 or e-mail cusce@cornell.edu).